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-	96	alnmri.in.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/27 19:54
-	1	alnmri.in. and "ATPFQEGLRTFDQLD"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 16:44
-	2	alnmri.in. and "AVPY"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 16:46
-	2	alnmri.in. and "AVPIAQK"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 18:01
-	5	alnmri.in. and XIAP	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/07/26 18:01

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Any dissemination, distribution, copying, or storing of this information, without the prior written consent of the American Chemical Society, is strictly prohibited. </p> <p> FILE COVERS 1907 - 27 JUL 2004 VOL 141 ISS 5 THIS FILE CONTAINS CAS Registry Numbers for easy and accurate substance identification. </p> <p> ==> 17 and PROCASPE 804 PROCASPE 110 PROCASPE 834 PROCASPE (PROCESSES OR PROCASPE) 0 L7 AND PROCASPE L14 ==> d hls </p> <p> (FILE 'HOME' ENTERED AT 17:21:21 ON 27 JUL 2004) FILE 'REGISTRY' ENTERED AT 17:21:29 ON 27 JUL 2004 89099 \$ A [VTI][PA][GAVLIPSTOMK]/SGSP 2230 \$ A [VTI][PA][GAVLIPSTOMK]/SGSP FILE 'CAPLUS' ENTERED AT 17:22:47 ON 27 JUL 2004 1059 \$ L2 628 L3 AND PD-20030206 628 L4 AND PD-20010824 524 L5 AND PD-20010208 444 L6 AND PD-20000208 105 L7 AND PV-1999 96 L7 AND PD-1998 0 L7 AND SMC 1 L7 AND CASPE L12 </p> <p> FILE 'STNGUIDE' ENTERED AT 17:35:59 ON 27 JUL 2004 0 L7 AND PROCASPE FILE 'CAPLUS' ENTERED AT 17:27:50 ON 27 JUL 2004 0 L7 AND PROCASPE ==> 17 and IAP 2210 IAP 371 IAPs 2331 IAP (IAP OR IAPs) 0 L7 AND IAP L15 ==> 16 and IAP 2210 IAP 2331 IAPs 2331 IAP (IAP OR IAPs) 1 L6 AND IAP L16 ==> d hls attl </p> <p> LNSW 1 OF 1 CAPLUS COPYRIGHT 2004 ACS ON STN 2001:561493 CAPLUS Full-TEXT 135:284701: 03 AUG 2001 L15: Structural analysis of a functional DIAP1 fragment bound to gr1m and h1d peptides 16, 31a-wei; Cocina, Amy E.; Chai, Jifeng; Wu, Peuce A.; Shi, Yiding; Lewis, Thomas; Thomas Laboratory, Princeton University, Princeton, NJ, 08544, USA Molecular Cell (2003), 8(1), 95-104 CODEN: MOCEPL ISSN: 1097-2765 </p>	<p> PB Cell Press DT English LA 6-3 (General Biochemistry), 75 CC Section Cross-References) AB The second BIR domain (BIR2) playing an important role. Three proteins, h1d, gr1m, and Kasper, promote apoptosis in Drosophila, in conserved N-terminal sequences. The crystal structures of DIAP1-BIR2 by itself and in complex with the N-terminus peptides from h1d and gr1m reveal that the surface groove on DIAP1, with the first four amino acids mimicking the binding of the Snac tetrapeptide to XIAP. The next 3 residues also contribute to binding through hydrophobic interactions. In addition, peptide binding induces the formation of an alpha helix in DIAP1. Our study reveals the structural conservation and diversity necessary for the binding of DIAP1 by the Drosophila h1d/gr1m/Kasper alpha helix assembly. BIR2 BIR3 DIAP1 crystal structure ST DIAP1 h1d gr1m complex structure IT Protein motifs: structural anal. of a functional DIAP1 fragment bound to gr1m and h1d peptides) IT Protein motifs DIAP1 (BIR3): structural anal. of a functional DIAP1 fragment bound to gr1m and h1d peptides) DIAP1 (BIR3): structural anal. of a functional DIAP1 fragment bound to gr1m and h1d peptides) IT Proteins, specific or class RL: BPR (biological process): BSU (biological study, unclassified): PAP (Properties): B1OL (biological study): PROC (Process) (DIAP1: complexes with h1d and gr1m peptides; structural anal. of a functional DIAP1 fragment bound to gr1m and h1d peptides) IT Proteins, specific or class RL: BPR (biological process): BSU (biological study, unclassified): PAP (Properties): B1OL (biological study): PROC (Process) DIAP1 (BIR3): structural anal. of a functional DIAP1 fragment bound to gr1m and h1d peptides) IT Proteins, specific or class RL: BPR (biological process): BSU (biological study, 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of a functional DIAP1 fragment
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RL: BPR (biological process); BSU
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(process (structural anal. of a functional DIAP1
fragment bound to gr1n and hid
peptides))
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25 BIRS

445 BIR

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0 L17 NOT L16

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L7 ANSWER 1 OF 444 CAPLUS COPYRIGHT 2004 ACS

IT 301546-86-1

RL: PRP (Properties)

altered levels of expression in lung

a target for therapy

RM 301546-86-1 CAPLUS

ON L-Histidine, L-alanyl-L-valyl-L-prolyl-L-

prolyl-L-alanyl-L-threonyl-L-

valyl-L-alpha-glutamyl-L-alanyl-L-phenylalanyl-

L-valyl-L-

glutamyl-L-arginyl-L-alpha-aspartyl-L-seryl-L-

leucyl-L-histidyl-L-

phenylalanyl-L-prolyl-L-

NAME)

SEQ 1 AVPPATVEAF VEDSLHFMH

Absolute stereochemistry.

FILE LAST UPDATED: 26 Jul 2004 (20040726/ED)

This file contains CAS Registry Numbers for

easy and accurate

substance identification.

=> 16 and BIR

430 BIR

25 BIRS

of a functional DIAP1 fragment

IT 364604-52-4 364604-53-5

RL: BPR (biological process); BSU

(biological study, unclassified); PRP

(process (structural anal. of a functional DIAP1

fragment bound to gr1n and hid

peptides))

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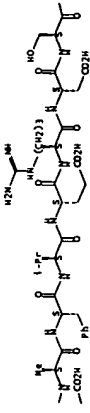
(30) Miller, L; Trends Cell Biol 1999, V9, P323

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(31) Muchmore, S; Mol Cell 2000, V6, P173 CAPLUS

(32) Navaza, J; Acta Crystallogr 1994, V50,

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=> 117 not 118
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L7 ANSWER 1 OF 444 CAPLUS COPYRIGHT 2004 ACS
IT 301546-86-1
RL: PRP (Properties)
altered levels of expression in lung
a target for therapy
RM 301546-86-1 CAPLUS
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phenylalanyl-L-prolyl-L-
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PAGE 1-F

PAGE 1-G

PAGE 1-H

PAGE 1-I

PAGE 1-J

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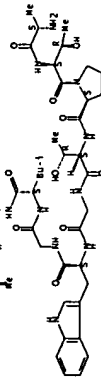
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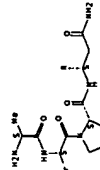


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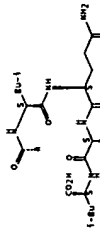
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Absolute stereochemistry.

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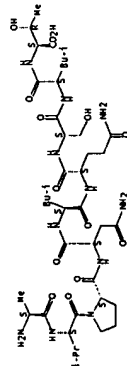
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SEQ 1 AVPNLQSLT

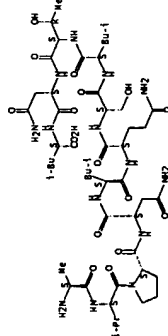
Absolute stereochemistry.



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Absolute stereochemistry.

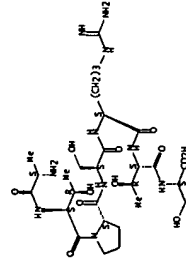


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ON STN 245651-49-4
IT AL- (CA INDEX NAME)
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(CA INDEX NAME)

RL: PEP (Properties)
(Unclaimed sequence; heterodimeric nuclear receptor proteins and their gene sequences and uses in identifying novel binding partners)
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CN L-serine, L-alanyl-L-threonyl-L-prolyl-L-seryl-L-arginyl-L-threonyl- (9CI)
(CA INDEX NAME)

SEQ 1 ATPSRTS

Absolute stereochemistry.



L7 ANSWER 4 OF 444 CAPLUS COPYRIGHT 2004 ACS
ON STN 245651-49-4
IT 333927-14-9P 533927-17-2P

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(Synthetic preparation): THU
(Therapeutic use): BIOL (Biological study): PREP (Preparation): USES
(Uses)

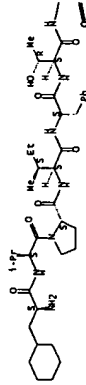
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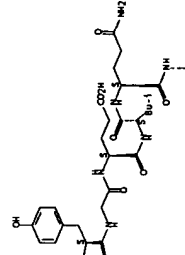
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Absolute stereochemistry.

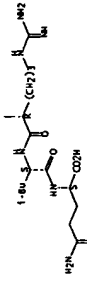
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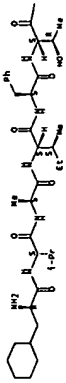
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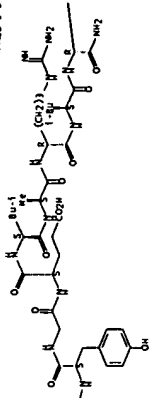
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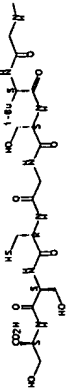


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ON STN 245651-49-4
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(CA INDEX NAME)

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Absolute stereochemistry.

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APPLICATION NO.  NO. DATE

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CALC -- Table of calculated properties
EPROP -- Table of experimental properties
PROP -- EPROP and CALC

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CBIB -- CA Accession Number, plus Bibliographic
Data (Compressed)
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MISC -- Miscellaneous
STD -- BIB, IPC, and MCL

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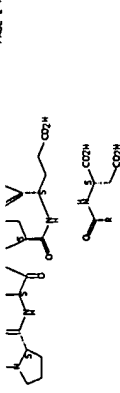
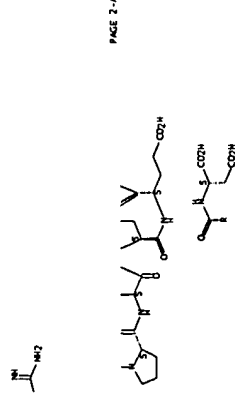
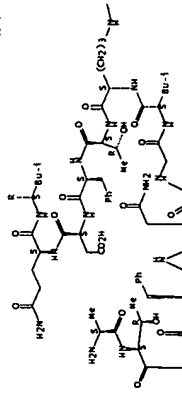
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L19 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS
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CN 142623-58-3
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LC STD Files: CA, CAPLUS, TOXCENTER,
USPATFULL
DT.CA Full document type: Patent
RL.P Roles from patents: BIOL (Biological
study); (uses)
Absolute stereochemistry.

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EROP - Table of experimental properties

PROP - EROP and CALC

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CAN -- CA Accession Number
CBIB -- CA Accession Number, plus Bibliographic Data (compressed)
IPC -- International Patent Classification
PATS -- PI, SO
STD -- BIB, IPC, and NCL
IABS -- ABS, indexed, with text labels
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ISTD -- STD format, indexed

OBIB ----- AM, plus Bibliographic Data (Original)
OIBIB ----- OBIB, indexed with text labels
SBIB ----- BIB, no citations
SIBIB ----- IBIB, no citations
The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.
The MAX format is the same as ALL.
The IALL format is the same as ALL with BIB ABS and IND indexed, with text labels.

For additional information, please consult the following help messages:
HELP OFIELDS -- To see a complete list of individual display fields.
HELP FORMATS -- To see detailed descriptions of the predefined formats.
ENTER DISPLAY FORMAT (IDE): sbib
'SBIB' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:
Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are:
REG - RN
SAM - Index Name, MF, and structure - no RN
FIDE - All substance data, except sequence data
IDE - FIDE, but only 50 names
SQIDE - IDE, plus sequence data
SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used
SQO3 - Protein sequence data, includes RN
SQO3 - Same as SQO, but 3-letter amino acid codes are used
SQN - Protein sequence name information, includes RN
CALC - Table of calculated properties
EROP - Table of experimental properties
PROP - EROP and CALC
Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance format must be cited first. The CA File predefined formats are:

ABS -- Abstract

APPS -- Application and Priority Information

BIB -- CA Accession Number, plus Bibliographic Data

CAN -- CA Accession Number

CBIB -- CA Accession Number, plus Bibliographic Data (compressed)

IPC -- International Patent Classification

PATS -- PI, SO

STD -- BIB, IPC, and NCL

IABS -- ABS, indexed, with text labels

IBIB -- BIB, indexed, with text labels

ISTD -- STD format, indexed

OBIB ----- AM, plus Bibliographic Data (Original)

OIBIB ----- OBIB, indexed with text labels

SBIB ----- BIB, no citations

SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indexed, with text labels.

For additional information, please consult the following help messages:

HELP OFIELDS -- To see a complete list of individual display fields.

HELP FORMATS -- To see detailed descriptions of the predefined formats.

ENTER DISPLAY FORMAT (IDE): ind

'IND' IS NOT A VALID FORMAT FOR FILE 'REGISTRY'

The following are valid formats:

Substance information can be displayed by requesting individual fields or predefined formats. The predefined substance formats are:

REG - RN

SAM - Index Name, MF, and structure - no RN

FIDE - All substance data, except sequence data

IDE - FIDE, but only 50 names

SQIDE - IDE, plus sequence data

SQIDE3 - Same as SQIDE, but 3-letter amino acid codes are used

SQO3 - Protein sequence data, includes RN

SQO3 - Same as SQO, but 3-letter amino acid codes are used

SQN - Protein sequence name information, includes RN

CALC - Table of calculated properties

EROP - Table of experimental properties

PROP - EROP and CALC

Any CA File format may be combined with any substance format to obtain CA references citing the substance. The substance format must be cited first. The CA File predefined formats are:

ABS -- Abstract

APPS -- Application and Priority Information

BIB -- CA Accession Number, plus Bibliographic Data

CAN -- CA Accession Number

CBIB -- CA Accession Number, plus Bibliographic Data (compressed)

IPC -- International Patent Classification

PATS -- PI, SO

STD -- BIB, IPC, and NCL

IABS -- ABS, indexed, with text labels

IBIB -- BIB, indexed, with text labels

ISTD -- STD format, indexed

OBIB ----- AM, plus Bibliographic Data (Original)

OIBIB ----- OBIB, indexed with text labels

SBIB ----- BIB, no citations

SIBIB ----- IBIB, no citations

The ALL format gives FIDE BIB ABS IND RE, plus sequence data when it is available.

The MAX format is the same as ALL.

The IALL format is the same as ALL with BIB ABS and IND indexed, with text labels.

For additional information, please consult the following help messages:

HELP OFIELDS -- To see a complete list of individual display fields.

HELP FORMATS -- To see detailed descriptions of the predefined formats.

ENTER DISPLAY FORMAT (IDE): ide

L20 ANSWER 1 OF 25 REGISTRY COPYRIGHT 2004

ACS ON SYN

CN Genbank A036282 (SCL) (CA INDEX NAME)

OTHER NAMES:

CN Genbank A036282 (TRANSLATED FROM: Genbank

BT007614)

FS PROTEIN SEQUENCE

MT UNspecified

CI MAN

SR Genbank

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

SEQUENCE 500 OR 'SQIDE' FORMATS TO DISPLAY

SEQUENCE ***

L20 ANSWER 2 OF 25 REGISTRY COPYRIGHT 2004

ACS ON SYN

CN Genbank A035537 (SCL) (CA INDEX NAME)

OTHER NAMES:

CN Genbank A035537 (TRANSLATED FROM: Genbank

BT006811)

FS PROTEIN SEQUENCE

MT UNspecified

CI MAN

SR Genbank

***RELATED SEQUENCES AVAILABLE WITH SEQLINK**

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

SEQUENCE 500 OR 'SQIDE' FORMATS TO DISPLAY

SEQUENCE ***

L20 ANSWER 3 OF 25 REGISTRY COPYRIGHT 2004

ACS ON SYN

CN Genbank A021133 (SCL) (CA INDEX NAME)

OTHER NAMES:

CN Genbank A021133 (TRANSLATED FROM: Genbank

A0214168)

FS PROTEIN SEQUENCE

MT UNspecified

CI MAN

SR Genbank

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

SEQUENCE 500 OR 'SQIDE' FORMATS TO DISPLAY

SEQUENCE ***

L20 ANSWER 4 OF 25 REGISTRY COPYRIGHT 2004

ACS ON SYN

CN Genbank A00307031 (SCL) (CA INDEX NAME)

OTHER NAMES:

CN Genbank A00307031 (TRANSLATED FROM: Genbank

A00307031)

FS PROTEIN SEQUENCE

MT UNspecified

CI MAN

SR Genbank

*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***

SEQUENCE 500 OR 'SQIDE' FORMATS TO DISPLAY

SEQUENCE ***

L20 ANSWER 4 OF 25 REGISTRY COPYRIGHT 2004

ACS ON SYN

CN Genbank A00307031 (SCL) (CA INDEX NAME)

OTHER NAMES:

CN Genbank A00307031 (TRANSLATED FROM: Genbank

A00307031)

FS PROTEIN SEQUENCE

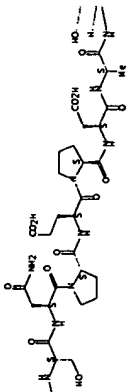
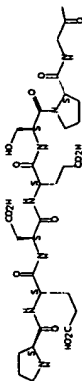
MT UNspecified

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ACS on STM 481326-47-8 REGISTRY
CN GenBank BAA87905 (9CI) (CA INDEX NAME)
OTHER NAMES: GenBank BAA87905 (Translated from: GenBank
AB020929)
FSS PROTEIN SEQUENCE
MF unspecified
CIT MAN
CSR Genbank
***RELATED SEQUENCES AVAILABLE WITH SEQLINK***
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
SEQUENCE '500' OR 'SQIDE' FORMATS TO DISPLAY
L20 ANSWER 9 OF 25 REGISTRY COPYRIGHT 2004
ACS on STM
CN 481323-006-6 REGISTRY
OTHER NAMES: GenBank BAA78780 (9CI) (CA INDEX NAME)
OTHER NAMES: GenBank BAA78780 (Translated from: GenBank
AB015653)
FSS PROTEIN SEQUENCE
MF unspecified
CIT MAN
CSR Genbank
***RELATED SEQUENCES AVAILABLE WITH SEQLINK***
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
SEQUENCE '500' OR 'SQIDE' FORMATS TO DISPLAY
L20 ANSWER 10 OF 25 REGISTRY COPYRIGHT 2004
ACS on STM 481320-64-3 REGISTRY
CN GenBank BAA82697 (9CI) (CA INDEX NAME)
OTHER NAMES: GenBank BAA82697 (Translated from: GenBank
AB019205)
FSS PROTEIN SEQUENCE
MF unspecified
CIT MAN
CSR Genbank
***RELATED SEQUENCES AVAILABLE WITH SEQLINK***
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
SEQUENCE '500' OR 'SQIDE' FORMATS TO DISPLAY
L20 ANSWER 11 OF 25 REGISTRY COPYRIGHT 2004
ACS on STM 480761-77-1 REGISTRY
CN GenBank BAA62105 (human clone
MGC:2105 IMAGE:3542075) (9CI) (CA
INDEX NAME)
OTHER NAMES: GenBank
AB06463
CN GenBank AB06463 (Translated from: GenBank
BC006463)
FSS PROTEIN SEQUENCE
MF unspecified
CIT MAN
CSR Genbank
LC STN Files: CA, CAPLUS
DOT.DT.CA CAPLUS document type: Journal
RLRL.NP roles from non-patents: BIOL (Biological
study); PMP (Properties)
***RELATED SEQUENCES AVAILABLE WITH SEQLINK***
*** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
SEQUENCE '500' OR 'SQIDE' FORMATS TO DISPLAY
1 REFERENCES IN FILE CA (1907 TO
DATE)
1 REFERENCES IN FILE CAPLUS (1907
TO DATE)
L20 ANSWER 12 OF 25 REGISTRY COPYRIGHT 2004
ACS on STM
CN 480739-45-5 REGISTRY

```

***RELATED SEQUENCES AVAILABLE WITH SEQLINK**
 *** STRUCTURE DIAGRAM IS NOT AVAILABLE ***
 *** USE '500' OR 'SQIDE' FORMATS TO DISPLAY
 SEQUENCE ***
 1 REFERENCES IN FILE CA (1907 TO
 1 REFERENCES IN FILE CAPLUS (1907
 TO DATE)
 1220 ANSWER 16 OF 25 REGISTRY COPYRIGHT 2004
 ACS ON STN
 ANN 474262-66-5 REGISTRY
 CN L-serine, L-prolyl-L- α -glutamyl-L- α -
 aspartyl-L- α -seryl-L-prolyl-glycyl-L-seryl-L-
 glutamyl-L-prolyl-L- α -glutamyl-L-alanyl-L-
 threonyl-L-prolyl-L-
 phenylalanyl-L-glutamyl-L- α -
 glutamyl-glycyl-L-leucyl-L-phenylalanyl-L-
 threonyl-L-phenylalanyl-L- α -aspartyl-L-
 glutamyl-L-leucyl-L- α -
 aspartyl-L-alanyl-L-isoleucyl-L-seryl-
 (9CI) (CA INDEX NAME)
 CHEM 18: PH: US20020160975 SEQID: 18 unclined
 SEQUENCE
 STN Files: CA, CAPLUS, TOXCENTER,
 US PATFILL
 DT, CA Caplus document type: Patent
 R.L.P Roles from patents: PAP (Properties)
 Absolute stereochemistry.



101.12 233.32
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE
0.00 -1.48
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FILE COVERS 1907 - 27 JUL 2004 VOL 141 ISS 5
FILE LAST UPDATED: 26 JUL 2004 (20040726/ED)
This file contains CAS Registry Numbers for
easy and accurate
substance identification.
=> \$ L20 20 L20
L21
=> 121 and pd=1999
915990 PD=1999
(19990000-19999999/PD)
L22 2 L21 AND PD=1999
=> d 122 hitsseq
L22 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2004 ACS
ON STN
IT CODES: CAMEL; ISSN: 0008-5472 (human
isoenzyme b)
RN 224773-65-3, Proteinase, ICE-LAP6 (human
isoenzyme b)
RL: BAC (Biological activity or effector,
except adverse); BPC (Biological
occurrence); BPR (Biological process); BSU
(Biological study); PRP (Properties); B1OL
(Biological study); OCCU
(Occurrence); PDOC (Process)
(amino acid sequence of; cloning,
sequencing and expression of;< short isoform
of human caspase-9 (isoform 9b)
that inhibits apoptosis by interfering
with formation of
Apaf-1-procaspase-9 complex)
BN 224773-65-3, CAPLUS
CN Proteinase, ICE-LAP6 (human isoenzyme b)
(9CI) (CA INDEX NAME)
SEQ 1 NDEADRELLR RCLLRLVEEL QVQQLWALL
SRELFRPMH EDIQKAGSS
S1 RRQARQLII DLETRGSQAL PLFISCLDT
GQOMLASFLR TRQAQKLK
101 PTLEMLTPVW LPKEIKPEV LPAPETPAVD
131 TSREDESPGS NPEDATPPQ EGLRTFQOLD
A1SSLPDSD IPVSYSTPFG
201 FVSWDPKSG SWYVELDII FEQWMSDEL
QSLLRVANA VSVKGYKYM
251 PCGFNRLNKK LFFKTS
L22 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2004 ACS
ON STN
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QSLLRVANA VSVKGYKYM
251 PCGFNRLNKK LFFKTS
L22 ANSWER 3 OF 2 CAPLUS COPYRIGHT 2004 ACS
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L22 ANSWER 4 OF 2 CAPLUS COPYRIGHT 2004 ACS
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L22 ANSWER 5 OF 2 CAPLUS COPYRIGHT 2004 ACS
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(Biological study); OCCU
(Occurrence); PDOC (Process)
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with formation of
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L22 ANSWER 6 OF 2 CAPLUS COPYRIGHT 2004 ACS
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IT CODES: CAMEL; ISSN: 0008-5472 (human
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RN 224773-65-3, Proteinase, ICE-LAP6 (human
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except adverse); BPC (Biological
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(Biological study); PRP (Properties); B1OL
(Biological study); OCCU
(Occurrence); PDOC (Process)
(amino acid sequence of; cloning,
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with formation of
Apaf-1-procaspase-9 complex)
BN 224773-65-3, CAPLUS
CN Proteinase, ICE-LAP6 (human isoenzyme b)
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L22 ANSWER 7 OF 2 CAPLUS COPYRIGHT 2004 ACS
ON STN
IT CODES: CAMEL; ISSN: 0008-5472 (human
isoenzyme b)
RN 224773-65-3, Proteinase, ICE-LAP6 (human
isoenzyme b)
RL: BAC (Biological activity or effector,
except adverse); BPC (Biological
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(Biological study); PRP (Properties); B1OL
(Biological study); OCCU
(Occurrence); PDOC (Process)
(amino acid sequence of; cloning,
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CN Proteinase, ICE-LAP6 (human isoenzyme b)
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L22 ANSWER 8 OF 2 CAPLUS COPYRIGHT 2004 ACS
ON STN
IT CODES: CAMEL; ISSN: 0008-5472 (human
isoenzyme b)
RN 224773-65-3, Proteinase, ICE-LAP6 (human
isoenzyme b)
RL: BAC (Biological activity or effector,
except adverse); BPC (Biological
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(Occurrence); PDOC (Process)
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that inhibits apoptosis by interfering
with formation of
Apaf-1-procaspase-9 complex)
BN 224773-65-3, CAPLUS
CN Proteinase, ICE-LAP6 (human isoenzyme b)
(9CI) (CA INDEX NAME)
SEQ 1 NDEADRELLR RCLLRLVEEL QVQQLWALL
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S1 RRQARQLII DLETRGSQAL PLFISCLDT
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131 TSREDESPGS NPEDATPPQ EGLRTFQOLD
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201 FVSWDPKSG SWYVELDII FEQWMSDEL
QSLLRVANA VSVKGYKYM
251 PCGFNRLNKK LFFKTS
L22 ANSWER 9 OF 2 CAPLUS COPYRIGHT 2004 ACS
ON STN
IT CODES: CAMEL

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COST IN U.S. DOLLARS
SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST
0.08 255.36
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)
SINCE FILE TOTAL
ENTRY SESSION
CA SUBSCRIBER PRICE
0.00 -1.48
STN INTERNATIONAL LOGOFF AT 18:15:59 ON 27 JUL
2004
Connecting via Winsock to STN
News to STN International Enter x:x
LOGINID:sssptal653adk
PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR 7:2)
***** Welcome to STN
*****
NEWS 1 Web Page URLs for STN Seminar
NEWS 2 - N. Amer. "Ask CAS" for self-help around
the clock
NEWS 3 May 12 EXTEND option available in
structure searching
NEWS 4 May 12 Power links for the POLYLINK
NEWS 5 May 22 REGISTRATION
NEWS 5 May 27 New UPM (Update Code Maximum)
field for more efficient catalog
NEWS 6 May 27 Caplus superfiles and
options to treat
NEWS 7 Jun 28 additional enzyme-catalyzed
reactions added to CASREACT
NEWS 8 Jun 28 ANTE, AQUALINE, BIOENG,
CIVILENG, ENVIROENG, MECHENG
available on STN(R) and WATER from CSA now
NEWS 9 Jul 12 BELLSITE enhanced with new
display and select options,
connection to BADS
NEWS EXPRESS MARCH 31 CURRENT WINDOWS VERSION
IS V7.00A, CURRENT
AND V6.01c(JP), AND CURRENT DISCOVER FILE IS
DATED 26 APRIL 2004
NEWS HOURS STN Operating Hours Plus Help
Desk Availability
NEWS INTER General Internet Information
NEWS LOGIN Welcome Banner and News Items
NEWS MAIL General News by Mail
NEWS NEW Access to STN Dial and Telecommunication
NEWS WWW CAS World Wide Web Site (General
Information)
Enter NEWS followed by the item number or name
of the item, or a keyword that
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[illegible]

```

=> d his
(FILE 'HOME' ENTERED AT 18:46:03 ON 27 JUL
2004)

FILE 'REGISTRY' ENTERED AT 18:46:12 ON 27
JUL 2004 459 5
PA[VTI][PA][GAVLIPSTONQ],*A[VTI][PA][GAVLIPSTON
Q]5Q5P

2004 FILE 'CAPLUS' ENTERED AT 18:48:27 ON 27 JUL
2004 338 S L1
L2 12
L3 92 L2 AND PD-20010208

=> file reg
COST IN U.S. DOLLARS
SINCE FILE TOTAL
ENTRY SESSION
FULL ESTIMATED COST
21.34 49.73

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FILE 'REGISTRY' ENTERED AT 18:50:14 ON 27 JUL 2004
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Property values tagged with IC are from the
ZIC/VN/INTI data file

STRUCTURE FILE UPDATES: 26 JUL 2004 HIGHEST
RN 717086-44-7
DICTIONARY FILE UPDATES: 26 JUL 2004 HIGHEST
RN 717086-44-7
TSCA INFORMATION NOW CURRENT THROUGH MAY 21,
2004

please note that search-term pricing does apply when conducting SmartSELECT searches. Crossover limits have been increased. See HELP CROSOVER for details.

```
Experimental and calculated property data are
now available. For more
information enter HELP PROP at an arrow prompt
in the file or refer
to the file summary sheet on the web at:
http://www.sas.org/ONLINE/DBSS/register.html

=> s OAC[rao]g/sasp
1.4 1174 OAC[rao]g/sosp
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==> d h'is
(FILE 'HOME' ENTERED AT 18:46:03 ON 27 JUL 2004)

FILE 'REGISTRY' ENTERED AT 18:46:12 ON 27
JUL 2004
L1 459 S

2004
L2
L3
238 S LI
92 L2 AND PD-2001070A
FILE 'CAPUS' ENTERED AT 18:48:27 ON 27 JUL
NQ1/SQSP

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JUL 2004
L4
FILE 'REGISTRY' ENTERED AT 18:50:14 ON 27
1174 S QAC[RQ]G/SQSP
=> S 14811

```

$$\frac{L^3}{\left(\frac{QAC[RQ]G}{[GAVLPSTONQ]} \right) \left(\frac{AA[VTI]}{[GAVLPSTONQ]} \right) \left(\frac{PA}{[GAVLPSTONQ]} \right) \cdot A[VTI]} \left(\frac{PA}{[GAVLPSTONQ]} \right) \cdot A[VTI]$$

```
#> $ 11&15
L6 0
  (A[VTI][PA][GAVLIPSTCHNQ].*A[VTI][PA][GAVLIPSTC
  HNQ]))(QC[RGQ]G
  )(A[VTI][PA][GAVLIPSTCHNQ].*A[VTI][PA][GAVLIPST
  CHNQ]))/5QSP
```

```

=> $ 11a15/sqsp
L7
0
((A[VTI][PA][GAVLIPSTCHNQ] . *A[VTI][PA][GAVLIPSTC
HNQ]))(CQC(RGQ)G
)
((A[VTI][PA][GAVLIPSTCHNQ] . *A[VTI][PA][GAVLIPST
CHNQ]))(SQSP

```

$$\begin{aligned} & \Rightarrow s \\ & \text{AA}[v_{t1}][pa][gavlpsctm] \cdot \text{QAC}[rgq]g \cdot a[v_{t1}][pa] \\ & \text{AA}[v_{t1}psctm]/sqsp \\ & \text{L}_0 \\ & \text{AA}[v_{t1}][pa][gavlpsctm] \cdot \text{QAC}[rgq]g \cdot a[v_{t1}][pa] \\ & \text{[GAVLPSCTM]}/s \end{aligned}$$
$$\begin{aligned} & \Rightarrow^s \text{a[vti]}[\text{pa}][\text{gavlipstcmq}].^* \text{QAC}[\text{rqq}]\text{G}.^* \text{a[vti]}[\text{pa}][\\ & \text{gavlipstcmq}]/\text{sqsp} \\ & \text{Lg} \quad 25 \\ & \text{A[vti]}[\text{pa}][\text{gavlipstcmq}].^* \text{QAC}[\text{rqq}]\text{G}.^* \text{A[vti]}[\text{pa}][\\ & \text{GAVLIPSTOHQ}]/\text{sq} \\ & \text{Sp} \end{aligned}$$

ENTRY	SESSION
FULL	ESTIMATED COST
SINCE FILE	TOTAL

FILE 'CAPLUS' ENTERED AT 18:52:58 ON 27 JUL 2004
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FILE COVERS 1907 - 27 Ju1 2004 VOL 141 ISS 5
FILE LAST UPDATED: 26 Ju1 2004 (20040726/ED)

This file contains CAS Registry Numbers for
easy and accurate
substance identification.

=> s 19
 L10
 14 L9
 => dh1s
 L11
 18 DH1S

(FILE 'HOME' ENTERED AT 18:46:03 ON 27 JUL 2004)

FILE 'REGISTRY' ENTERED AT 18:46:12 ON 27
JUL 2004
L1 459 \$
MA[VTI][PA][GAVLIPSTONQ].*A[VTI][PA][GAVLIPSTONQ]/SQSP
FILE 'CAPLUS' ENTERED AT 18:48:27 ON 27 JUL
2004

L2 238 3 L1
L3 92 L2 AND PD<20010208

FILE 'REGISTRY' ENTERED AT 10:50:14 ON 27

```

JUL 2004
L4 1174 S QAC[RQ]G/SQSP
L5 0 S L4EL1
L6 0 S L4EL2
L7 0 S L4EL3
L8 0 S L4EL4/SQSP
L9
L4 [VTI][PA][GAVLPSTONQ].*QAC[RQ]G.*A[VTI][PA]
L5 [GAVLPSTONQ]
L6
L7
L8
L9 25 S
A[VTI][PA][GAVLPSTONQ].*QAC[RQ]G.*A[VTI][PA]
GAVLPSTONQ]

```

FILE 'CAPLUS' ENTERED AT 18:52:58 ON 27 JUL 2004

14 S L9
L10
L11 18 DHS

=> 13 not 110
L12 92 L3 NOT L10

==> FILE STRINGUIDE	ENTRY	SESSION
COST IN U.S. DOLLARS	FULL	ESTIMATED COST
SINCE FILE	TOTAL	

FILE 'STNGUIDE' ENTERED AT 18:55:00 ON 27 JUL 2004
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 FILE CONTAINS CURRENT INFORMATION.
 LAST RELOADED: JUL 23, 2004 (20040723/UP).
 => d 112 6-10 1b1b f1htsq
 YOU HAVE REQUESTED DATA FROM FILE 'CAPLUS' -
 CONTINUE? (Y/N):Y

112 ANSWER 6 OF 92 CAPLUS COPYRIGHT 2004 ACS
ON STN
ACCESSION NUMBER: 2001:401720 CAPLUS
Full-text
DOCUMENT NUMBER: 135:74514
TITLE: Integrated fossil and
molecular data reconstruct bat

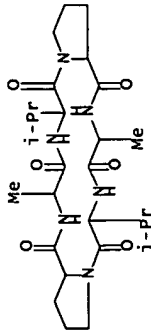
AUTHOR(S): De Jong, Wilfried W.
TRILING: Treeling, Erma C.; Madsen, Ole; Stanhope, Michael J.;
CORPORATE SOURCE: Department of Biology,
University of California, Riverside, CA, 92521,
USA

PROCEEDINGS OF THE
SOURCE:
National Academy of Sciences of the
United States of
America (2001), 98(11),
6241-6246
CODEN: PNASAB; ISSN:
0037-8424

PUBLISHER: National Academy of Sciences
DOCUMENT TYPE: Journal
ISSN: 0014-1801

IT 346682-98-2
RL: BSU (Biological study, unclassified):
PAP (Properties): BIOL
(Biological study)
and mol (amino acid sequence: integrated fossil
structure and structure)
RN 346682-98-2 CAPUS
CN n-Adrenoceptor (Tonatia bidens gene nair28
isoform 2B fragment) (SCI)
(CA INDEX NAME)

[illegible]



REFERENCE COUNT: 8 THERE ARE 8 CITED
REFERENCES AVAILABLE FOR THIS RECORD. ALL
CITATIONS AVAILABLE IN THE RE FORMAT

⇒ DIS HIST

(FILE 'HOME' ENTERED AT 18:46:03 ON 27 JUL 2004)

FILE 'REGISTRY' ENTERED AT 18:46:12 ON 27 JUL 2004 459 S
AA[VTI][PA][GAVLIPSTONQ].*A[VTI][PA][GAVLIPSTONQ]/SQSP

FILE 'CAPLUS' ENTERED AT 18:48:27 ON 27 JUL 2004 238 S L1
L2 92 L2 AND PD-20010208
L3

FILE 'REGISTRY' ENTERED AT 18:50:14 ON 27 JUL 2004 1174 S OAC[RQ]G/SQSP
L4 0 S L44L1
L5 0 S L44L1
L6 0 S L44L1
L7 0 S L44L1
L8 0 S L44L1
L9 0 S L44L1
AA[VTI][PA][GAVLIPSTONQ].*OAC[RQ]G.*A[VTI][PA][GAVLIPSTONQ] 25 S
A[VTI][PA][GAVLIPSTONQ].*OAC[RQ]G.*A[VTI][PA][GAVLIPSTONQ]

FILE 'CAPLUS' ENTERED AT 18:52:58 ON 27 JUL 2004 14 S L9
L10 14 S L9
L11 14 S L9
L12 92 L3 NOT L10

FILE 'STNGUIDE' ENTERED AT 18:55:00 ON 27 JUL 2004

FILE 'CAPLUS' ENTERED AT 18:55:45 ON 27 JUL 2004

FILE 'STNGUIDE' ENTERED AT 18:55:49 ON 27 JUL 2004

⇒

---Logging off of STN---

⇒ Executing the logoff script...

⇒ LOG Y

COST IN U.S. DOLLARS
SINCE FILE TOTAL

ENTRY SESSION
FULL ESTIMATED COST
0.06 248.77

STN INTERNATIONAL LOGOFF AT 18:56:22 ON 27 JUL 2004